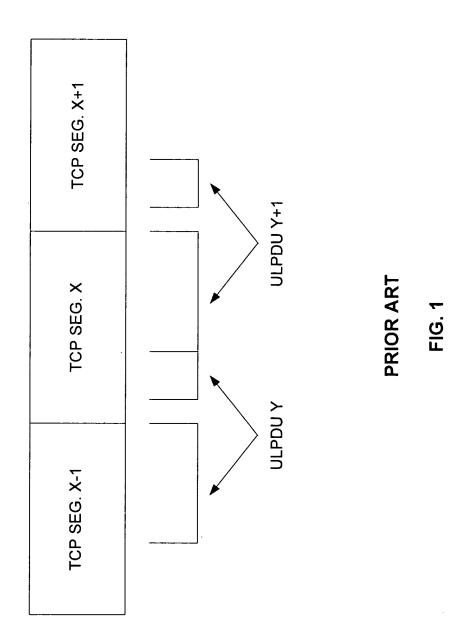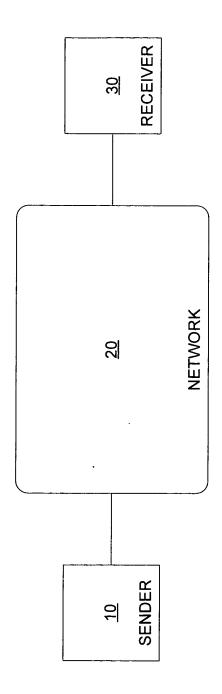TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:
CONF. NO.   ; DOCKET NO. 14230US03
ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

PRIOR ART

FIG. 1

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:　　，
CONF. NO.　　; DOCKET NO. 14230US03
ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

FIG. 2

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:   ,
CONF. NO.   ; DOCKET NO. 14230US03
ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

CPU

40

MEMORY
CONTROLLER

60   **50**

HOST
MEMORY

HOST
INTERFACE

70

NETWORK
SUBSYSTEM

80

90

ETHERNET

FIG. 3

CPU

40

60

CHIP SET

100

80

HOST
MEMORY

NETWORK
SUBSYSTEM

90

ETHERNET

FIG. 4

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:
CONF. NO.   ; DOCKET NO. 14230US03
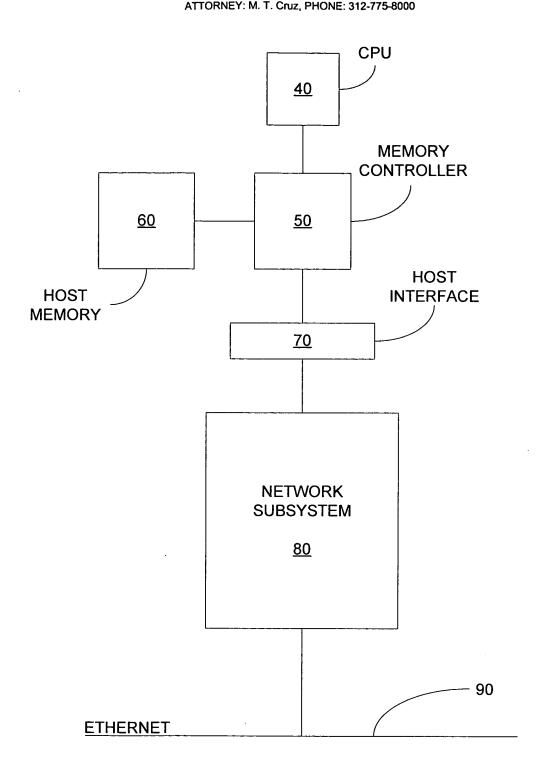ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

FIG. 5

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.: .
CONF. NO. ; DOCKET NO. 14230US03
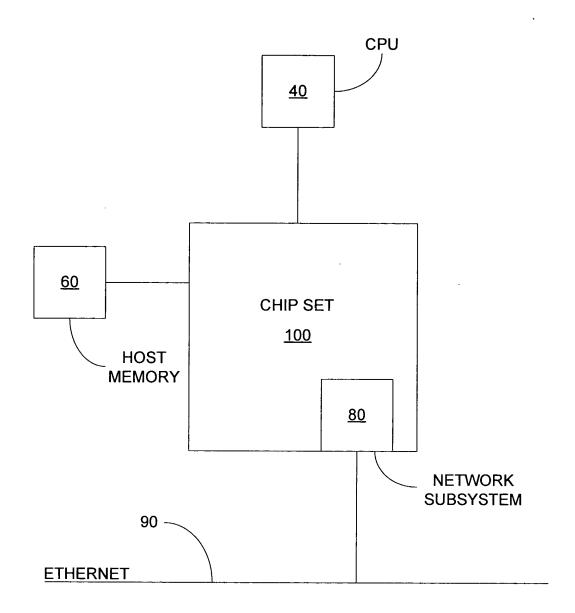ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

```
           ┌──────────────┐
           │    START     │
           └──────┬───────┘
                  │
                  ▼
        ┌───────────────────┐        120
        │    PERFORM L2      │
        │    PROCESSING      │
        └─────────┬─────────┘
                  │
                  ▼
        ┌───────────────────┐        130
        │    PERFORM L3      │
        │    PROCESSING      │
        └─────────┬─────────┘
                  │
                  ▼
        ┌───────────────────┐        140
        │    PERFORM L4      │
        │    PROCESSING      │
        └─────────┬─────────┘
                  │
                  ▼
150           ◇ ALIGNED ◇      N
            ◇  HEADER?  ◇───────────────┐
                  │                     │
                  │ Y                   ▼
                  ▼           ┌──────────────────┐
170   ┌──────────────────┐   │     PERFORM      │
      │ OBTAIN FPDU LENGTH│   │   PROCESSING     │
      │ FROM FPDU HEADER  │   │  METHOD FOR      │
      └─────────┬─────────┘   │ UNALIGNED FPDU   │
                │             └────────┬─────────┘
                ▼                      ▼
              ( B )                  ( A )
                          160
```

FIG. 6A

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:   ,
CONF. NO.   ; DOCKET NO. 14230US03
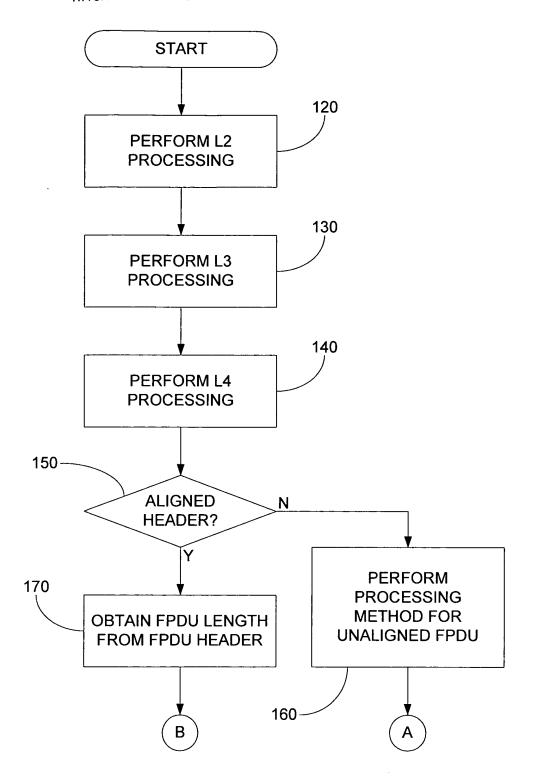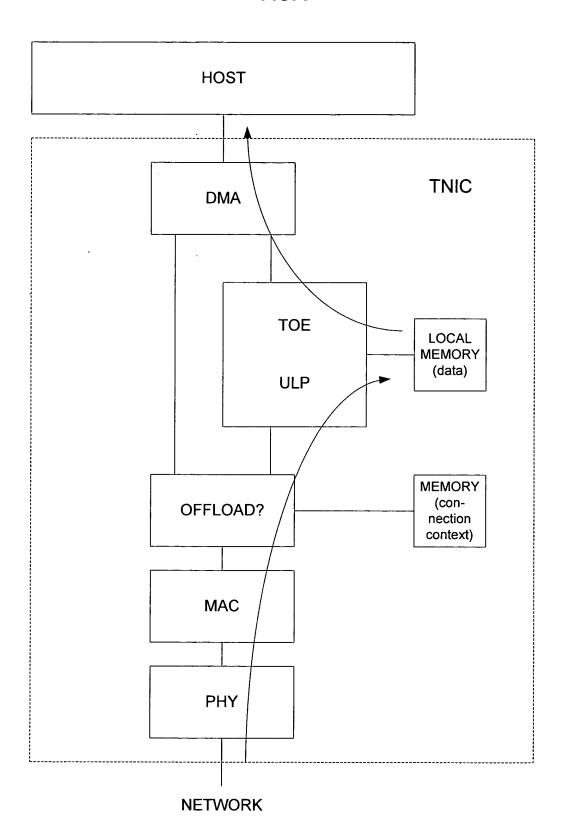ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

FIG. 6B

TITLE: System and Method for Handling
Transport Protocol Segments
INVENTOR: Uri Elzur
APPLICATION NO.:   ,
CONF. NO.   ; DOCKET NO. 14230US03
ATTORNEY: M. T. Cruz, PHONE: 312-775-8000

FIG. 7

FIG. 8